

AMENDMENTS TO THE SPECIFICATION

Please amend the second paragraph page 5, which begins on line 10, as follows:

The invention is described in the drawings.

FIG. 1 shows the power of a dispersion-affected optical signal as a function of frequency;

FIG. 2 shows the schematic setup of an embodiment of an inventive receiver device;

FIG. 3 shows the power of an electric signal as a function of frequency as generated by the setup of FIG. 2;

FIG. 4 shows the features of a computer readable medium and a computer connected to a receiver device according to an exemplary embodiment of the present invention.

Please replace the final paragraph on page 6 with the following amended paragraph:

Fig. 4 shows the feature of a computer readable medium 400 according to an exemplary embodiment of the present invention. According to one exemplary embodiment, computer software for causing a computer to generatinggenerate a clock signal out of an electrical data signal is stored on the computer readable medium 400. The computer readable medium 400 may be read by the computer 410 and the software for causing a computer to generate a clock signal out of an electrical data signal that is stored on the computer readable medium 400 may be executed by the computer 410. As shown in FIG. 4, the computer 410 is connected to a receiver device for optical signals 420. According to one exemplary embodiment, the receiver device 420 comprises the functional units of the inventive receiver device for optical data signals shown in FIG. 2.